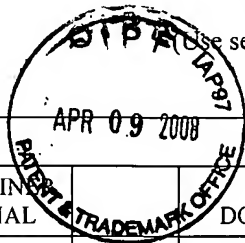


FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P23749Application No.
10/648,313INFORMATION DISCLOSURE STATEMENT
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Makoto MOGAMIYA et al.Filing Date
August 27, 2003Group
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2003/0001960	01/02/03	KATO et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
2001-311997	11/09/01	JAPAN			
4-047769	02/17/92	JAPAN			X
61-000131	01/06/86	JAPAN			X
2002-122902	04/26/02	JAPAN			X
2002-090842	03/27/02	JAPAN			X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	English language Abstract of JP 2001-311997
2	English language Abstract of JP 2002-122902
3	English language Abstract of JP 2002-090842

EXAMINER

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